

Date: Monday, 10/30/2006 4:15:22 PM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : 206/OH-58 SADDLE, INBOARD, RIGHT SIDE  
 Job Number : 29233  
 Estimate Number : 10834  
 P.O. Number : *N/A* Part Number : D29332  
 This Issue : 10/30/2006 S.O. No. : *N/A* Drawing Number : D2933 REV B  
 Prsht Rev. : NC Project Number : N/A  
 First Issue : *N/A* Type : MACHINED PARTS Drawing Revision : B  
 Previous Run : 28938 Material : *N/A* Due Date : 11/30/2006 Qty: *12* Um: Each  
 Written By : *[Signature]*  
 Checked & Approved By : *[Signature]* 061031  
 Comment : Est: B 00.09.26 New DWG rev (mpp 2069) EC

## Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 D6101001 7075-T7351 2X6X6.25



Comment: Qty.: 1.0000 Each(s)/Unit Total : 8.0000 Each(s)  
 Issue material from stock: 7075-T7351 QQ-A-250/12  
 Cut Size 2.0 x 6.25 X 6.00  
 Grain Along Long 6.00 Length  
 Batch No: *B25343*

*gml 06/11/09 12*

2.0 HAAS1 HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1  
 Program part number and batch number.  
 1-Inspect part number and batch number are programmed correctly.  
 2-Machine Step No 1 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet  
 3-Machine Step No 2 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet  
 4-Machine Step No 3 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet  
 5-Deburr

*SD/gml 06/10/09 12*

3.0 MILLING CONV. CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE  
 Machine Keyway and inspect per attached dimension sheet

*gml 06/11/07 12*

4.0 QC1 INSPECT ALL DIM TO DIM SHEET



Comment: INSPECT ALL DIM TO DIM SHEET

*SA/gml 06/11/09 12*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA: LD Date: 06/12/20  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 10/30/2006 4:15:22 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 206/OH-58 SADDLE, INBOARD, RIGHT SIDE

Job Number: 29233

Part Number: D29332

Job Number:



Seq. #:

Machine Or Operation:

Description:

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

J.L 06/11/21

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

a.m 06/11/27 12X

7.0

POWDER COATING

POWDER COATING



M102391



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

m.h/a.m 06/12/19 (2)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

R 6/12/20 (2)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: STG 72

R 6/12/20 (12)

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

(12) 06/12/20

Job Completion



C Loe 12/20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 29233
<b>Description:</b> 206 Saddle, Inboard, Right side	<b>Part Number:</b> D2933-2
<b>Inspection Dwg:</b> D2933 Rev. B	<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. B and record below:

				Recorded Actual Dimensions				By	Date
Dim	Min	Max	Go/No Go Gauge	1	2	3	4		
A	0.100	0.140		0.125	.122	.123	.123		
B	0.100	0.140		0.125	.122	.123	.123		
C	0.100	0.140		0.120	.119	.120	.122		
D	0.210	0.230		0.221	.224	.223	.224		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.506	2.500	2.500		
H	0.510	0.515		0.513	0.512	0.511	0.512		
I	1.572	1.582		1.576	1.577	1.577	1.577		
J	2.495	2.505		2.500	2.501	2.500	2.501		
K	0.257	0.262	DT8688	0.258	0.258	.258	.258		
L	0.312	0.317	DT8686	0.314	0.314	.314	.314		
M	0.235	0.240		0.238	0.237	0.238	0.237		
N	0.100	0.140		0.120	.121	.121	.122		
O	0.540	0.560		0.546	.550	.550	.550		
P	0.490	0.510		0.502	.500	.500	.497		
Q	3.715	3.725		3.718	3.720	3.720	3.720		
R	2.470	2.510		2.492	2.492	2.492	2.492		
S	0.240	0.270		0.251	.250	.250	.250		
T	0.100	0.180		0.135	.135	.140	.140		
U	1.625	1.635		1.628	1.630	1.630	1.630		
V	1.362	1.372		1.365	1.364	1.367	1.367		
W	0.316	0.321	DT8690	0.320	0.320	.315	.315		
X	1.125	1.145		1.132	1.134	1.133	1.131		
Y	1.565	1.585		1.570	1.570	1.570	1.570		
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: SA	7ml
Date: 06/11/09	

Audited by: SL	
Date: 06/11/21	

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b>	<b>29233</b>
<b>Description:</b> 206 Saddle, Inboard, Right side	<b>Part Number:</b>	<b>D2933-2</b>
<b>Inspection Dwg:</b> D2933 Rev. B		<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. B and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.123	.123	.123	.124		
B	0.100	0.140		.123	.122	.122	.122		
C	0.100	0.140		.119	.120	.120	.120		
D	0.210	0.230		.224	.223	.221	.222		
E	1.245	1.255		1.258	1.258	1.250	1.258		
F	1.245	1.255		1.258	1.250	1.258	1.258		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		0.512	0.512	0.512	0.512		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.501	2.501	2.501	2.501		
K	0.257	0.262	<del>DT8686</del>	.258	.258	.258	.258		
L	0.312	0.317	<del>DT8686</del>	.314	.314	.314	.314		
M	0.235	0.240		0.237	0.238	0.238	0.238		
N	0.100	0.140		.122	.122	.119	.119		
O	0.540	0.560		.551	.551	.554	.553		
P	0.490	0.510		.498	.497	.497	.498		
Q	3.715	3.725		3.720	3.720	3.720	3.720		
R	2.470	2.510		2.492	2.492	2.492	2.492		
S	0.240	0.270		.250	.251	.251	.251		
T	0.100	0.180		.140	.140	.140	.140		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.367	1.366	1.367		
W	0.316	0.321	<del>DT8686</del>	.315	.315	.315	.315		
X	1.125	1.145		1.136	1.135	1.135	1.133		
Y	1.565	1.585	<del>DT8695 A/B</del>	1.570	1.570	1.570	1.570		
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by:	SN
Date:	06.11.09

Audited by:	SL
Date:	06/11/21

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 29233
<b>Description:</b> 206 Saddle, Inboard, Right side	<b>Part Number:</b> D2933-2
<b>Inspection Dwg:</b> D2933 Rev. B	<b>Page 1 of 1</b>

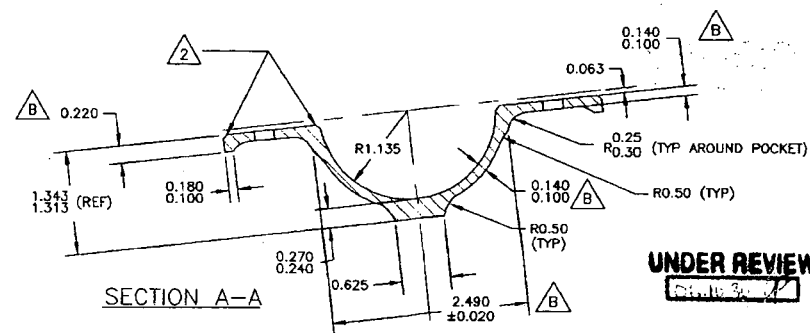
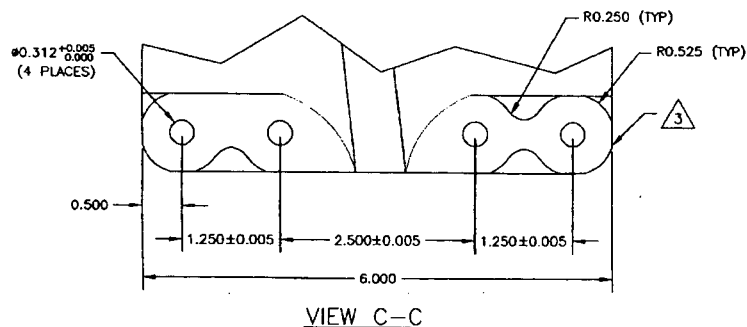
Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. B and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.123	.123	.123	.124		
B	0.100	0.140		.122	.122	.121	.122		
C	0.100	0.140		.122	.119	.119	.118		
D	0.210	0.230		.221	.222	.222	.222		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		0.512	0.512	0.512	0.512		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.501	2.501	2.501	2.501		
K	0.257	0.262	<del>DT8683</del>	.258	.258	.258	.258		
L	0.312	0.317	<del>DT8686</del>	.314	.314	.314	.314		
M	0.235	0.240		0.237	0.237	0.238	0.238		
N	0.100	0.140		.119	.119	.119	.118		
O	0.540	0.560		.552	.552	.552	.552		
P	0.490	0.510		.498	.500	.500	.500		
Q	3.715	3.725		3.720	3.720	3.720	3.720		
R	2.470	2.510		2.492	2.492	2.492	2.492		
S	0.240	0.270		.251	.251	.251	.251		
T	0.100	0.180		.140	.140	.140	.140		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.365	1.369	1.369		
W	0.316	0.321	<del>DT8690</del>	.319	.319	.319	.319		
X	1.125	1.145		1.133	1.133	1.134	1.133		
Y	1.565	1.585	<del>DT8695 A/B</del>	1.570	1.570	1.570	1.570		
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by:	SD
Date:	06.11.09

Audited by:	J.L
Date:	06/11/21

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	

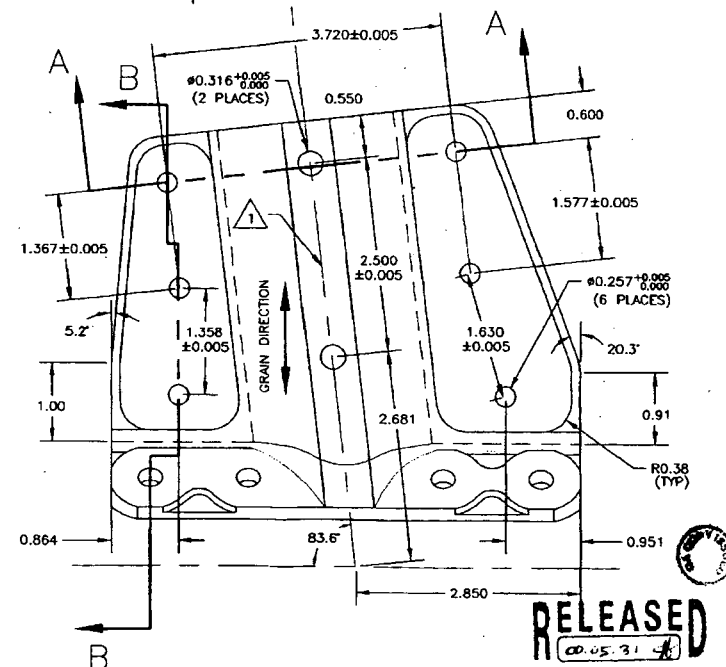
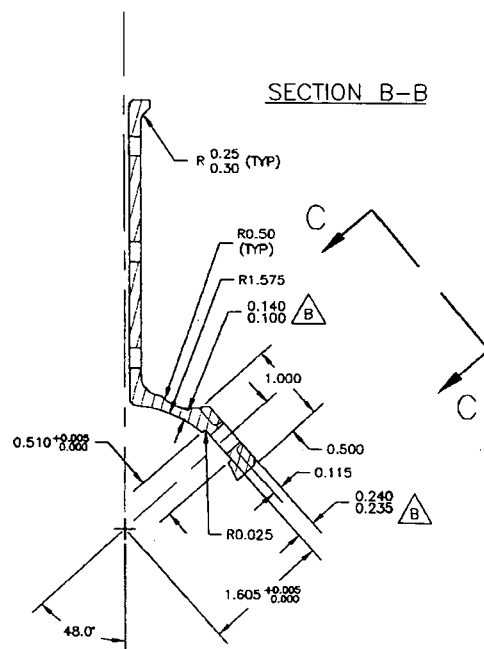


UNDER REVIEW

D2933-1 LH SADDLE (SHOWN)  
D2933-2 RH SADDLE (OPPOSITE)

MATERIAL: 7075-T7351 (00-A-250/12)  
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER  
DART QSI 005 4.3  
BREAK ALL SHARP EDGES 0.010 TO 0.020  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

- 1 ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP
- 2 CHAMFER 0.050" x 45° AROUND THIS SURFACE (TYP 2 PLACES)
- 3 CHAMFER 0.050" x 45°



RELEASED  
00.05.29

B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.10.29	NEW ISSUE
DESIGN	DRAWN BY	DART DART AEROSPACE USA, INC. BELLEVUE, WA
CHECKED	APPROVED	DRAWING NO. D2933
DATE	00.05.29	TITLE SADDLE INSIDE
		REV. B SHEET 1 OF 1 SCALE 2:3

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